SUBJECT LINE: DNREC Sediment & Stormwater Listserve – April 2022

DNREC Sediment & Stormwater Listserve Update: April 2022

This month's topics:

1. **Staff Change – Program Manager I**
2. **Career Opportunities – Two Openings!!**
3. **Sediment and Stormwater Plan Submittals**
4. **Construction Site Reviews - CCR Performance Standards and Supervising PE Responsibilities**
5. **Spring Growing Season**
6. **Link of the Month – 20-year study documents ecosystem response to stormwater management**

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1. Staff Change – Program Manager I

Jesse Baird has accepted another position and is no longer working as Program Manager I with the Sediment and Stormwater Program. Congratulations, Jesse, we wish you all the best!

Until this position is filled and to ensure proper assignment and tracking of inquiries, please refer to the following if there is a need to contact the Program:

All general comments or questions: DNREC.stormwater@delaware.gov

Pre-construction meeting requests: DNREC.stormwater@delaware.gov

CCR reports for DNREC-approved projects: DNREC_CCR_Stormwater@delaware.gov (note the use of underscores – DNREC_CCR_Stormwater)

Program administration inquiries: Bonnie.arvay@delaware.gov

2. Career Opportunities – Two Openings!!

The Delaware Sediment and Stormwater Program is hiring!

ENGINEER V

This position serves as a subject matter expert for the Delaware Sediment and Stormwater Program (SSP) and is responsible for reviewing and approving sediment and stormwater management plans for state and federal projects for compliance with appropriate requirements under the SSP. This position would also be responsible for providing engineering expertise to conservation districts, municipalities, and designers, and technical guidance and assistance to other state, local, and federal agencies as well as public and private organization and individuals.

The closing date is 9/11/2022. Interviews will be held throughout the application window until the position is filled. If interested, please find more information on the **Delaware Employment Link – Engineer V.**

PROGRAM MANAGER I – CONSTRUCTION SECTION

This position is responsible for managing the Construction Section of the Sediment and Stormwater Program (SSP) including management of construction review staff; ensuring effective oversight and review of construction activity and maintenance reviews of all state and federal projects and post-construction BMPs for state and federal projects in Delaware; and implementing first level enforcement of SSP rules, regulations, laws, and certified construction review performance standards.

The closing date is 4/13/2022. If interested, please find more information on the **Delaware Employment Link – Environmental Program Manager I.**

3. Sediment and Stormwater Plan Submittals

All plans submitted to DNREC Sediment and Stormwater Program for review or approval must be submitted by email to DNREC.Stormwater@delaware.gov. This includes all Stormwater Assessment Studies, Step 2, Step 3, Step 2/3 and PCVD submittals. Any submittals emailed directly to a DNREC staff member will receive a response requesting that the submittal be directed to DNREC.Stormwater@delaware.gov. Paper submittals are not required unless specifically requested by DNREC staff.

Please include the project name and DNREC project number, if known. No submittals should be made in person or delivered to the office. These submittal procedures are necessary due to office staffing and will ensure proper tracking and timely review.

4. Construction Site Review Responsibilities – Reminders

With the 2022 CCR training finishing up, it is important to remember the responsibilities to which Certified Construction Reviewers (CCRs) and supervising Delaware-licensed P.E.s must oblige. Pursuant to the statutes, the regulations, and the processes presented during the training, the CCR and their supervising P.E. must adhere to the following in relation to review of construction sites for Sediment and Stormwater Management Plan implementation:

CCR Responsibilities:

1. A CCR shall obtain certification, valid for five years, that may be extended at five-year intervals through recertification.
2. A CCR shall function under the supervision and direction of a registered professional engineer (P.E.) licensed to practice engineering in the State of Delaware.
3. The CCR shall attend site and BMP pre-construction meetings.
4. The CCR shall review and report on the adequacy of construction activity in accordance with the approved Sediment and Stormwater Management Plan, these regulations, and training received in the CCR training course.
5. The CCR shall conduct the review and complete a construction site stormwater management (CSSWM) report at least weekly, unless:
    a. The Department or Delegated agency has issued a written modification of reporting frequency,
    b. The Department or Delegated agency has issued a written release of responsibility, or
    c. A greater frequency is needed to accurately complete a stormwater BMP checklist.

6. The CCR shall review and complete a CSSWM report in a format that is acceptable by the Department or Delegated Agency that accurately reflects site conditions at the time of the review. (Training)
7. The CCR shall prescribe corrective actions to address inconsistencies or inadequacies of the approved plan to be conducted within a specified period of time.
8. The CCR shall sign and submit the CSSWM report to the supervising Delaware-licensed P.E. for verification and signature.
9. The CCR shall submit the verified CSSWM report of site conditions, including any inconsistencies with or inadequacies of the approved plan, to the Department or Delegated Agency, the Owner, and the contractor, within five (5) calendar days of the construction review.
10. The CCR shall notify the Delegated Agency or Department if the Owner fails to address the items contained in the written CSSWM. Verbal notice shall be made to the Department within two calendar days and written notice shall be provided to the Department within five calendar days.
11. The CCR shall accurately complete the stormwater BMP construction checklist.
12. Prior to halting reporting activities, the CCR must contact the Department or Delegated Agency.

Supervising Delaware-licensed Professional Engineer Responsibilities:

1. The P.E. shall be responsible for overseeing and verifying the accuracy of the CCR review.
2. The P.E. shall be responsible for maintaining an ongoing knowledge of the site conditions through periodic site visits or discussions with the CCR.
3. The P.E. shall sign the CCR reports. The P.E. shall only sign CCR reports that were prepared under their direct supervision for sites where the P.E has knowledge of the site conditions.

<u>Construction site reviews are to occur at least weekly and signed reports must be submitted to the appropriate plan review agency within five (5) days of the review.</u>

Note: Any person can obtain CCR certification by attending and successfully completing a department-sponsored or approved Certified Construction Reviewer course.

5. Spring Growing Season

Spring is in the air! Take advantage of the season to establish a healthy cover of vegetation.

Now is the time to establish permanent vegetative stabilization on sites that have been brought to final grade or temporary stabilization to other portions of the site. Don't forget the soil test! A soil test can save money and time. Knowing actual site conditions and needs will help avoid costly over application or ineffective under application of soil amendments and sets the stage for successful germination of seed.

Follow the vegetative stabilization recommendations provided on the site's approved Sediment and Stormwater Management Plan with respect to site and seedbed preparation, and application of soil amendments, seed, mulch and mulch anchoring.

6. Link of the Month – 20-year study documents ecosystem response to stormwater management

The U.S. Geological Survey (USGS) partnered with Montgomery County, Maryland to conduct an innovative 20-year study to document what happens when agricultural land is converted to suburban development with green stormwater infrastructure practices incorporated into the design of the neighborhood. The monitoring included changes in water quantity, water quality, topography, and aquatic life in the streams.

A summary of the results, and a link to the journal article, are available at https://www.usgs.gov/centers/chesapeake-bay-activities/science/unique-20-year-study-assesses-ecosystem-response